



2014 Annual Planning Meeting Pinedale Anticline

Reclamation Summary

February 20, 2014

Reclamation Summary



- ❧ In 2013, Interim Reclamation was initiated on 7 pads totaling 63 acres
- ❧ Reclamation Summary to Date:
 - ❧ Total disturbance is 1,501 acres
 - ❧ Total reclamation is 977 acres
 - ❧ 164 pads in Interim Reclamation, totaling 900 acres
 - ❧ 15 pads in Final Reclamation, totaling 77 acres
- ❧ Interim Reclamation is expected to occur on 5 pads in 2014

Reclamation Success



Stages of Reclamation

- Stage I – contouring, soil preparation, and seeding have been completed although native perennial vegetation has not yet established
- Stage II – native perennial plants have established and are increasing in abundance and vigor
- Stage III – interim reclamation goals have been met
- Stage IV – final reclamation goals have been met

Reclamation Success



Stage of Reclamation	Number of Pads	Percentage of Pads
No Reclamation	9	5%
Stage I	0	0%
Stage II	170	93%
Stage III	4	2%
Stage IV	0	0%

* Based upon 2013 monitoring data provided by Aster Canyon

Additional Measures

- Yearly qualitative monitoring and quantitative monitoring at the 3rd, 5th, and 8th year
- Sterile Wheat Grass trial in 2012 on 6 pads
- Cage experiment done on 2 pads to show effects of cattle grazing on reclamation success, will continue in 2014
- Temporary electric fencing was used on 2 pads to deter cattle from using newly reclaimed areas, considering adding more pads in 2014
- Pad fencing was removed on 6 pads where the reclamation has become established and can withstand cattle/wildlife usage, will continue to evaluate fencing across the Anticline
- Soil sampling was conducted on 6 pads across the field to better understand soil chemistry
- Changed our seeding methodology to reduce competition between grasses and forbs/shrubs
- Several pads will be evaluated in 2014 for reseeding/over seeding